## I CLAIM:

1	1. Apparatus for displaying an image of tissue at the distal end of an endotracheal			
2	tube, said apparatus comprising in combination:			
3	a) a source of light disposed at the distal end of said endotracheal tube for			
4	illuminating the tissue to be imaged;			
5	b) a lens for receiving the image of the tissue;			
6	c) a low cost camera for recording the image and including a fiber optic bundle			
7	interconnecting said lens with said camera to convey the image to said camera;			
8	d) a low cost radio frequency transmitter for receiving the image from said camera			
9	and for transmitting the image;			
10	e) a low cost radio frequency receiver for receiving the image; and			
11	f) a video monitor for displaying the image received by said receiver.			
1	2. The apparatus as set forth in Claim 1 including batteries for providing power to			
2	said camera and to said transmitter.			
1	3. The apparatus as set forth in Claim 1 wherein said source of light comprises at			
2	least one light emitting diode and a fiber optic bundle for transmitting light to an illumination			
3	port disposed at the distal end of said endotracheal tube.			
1	4. The apparatus as set forth in Claim 2 wherein said camera, said transmitter and			
2	said batteries are a modular unit.			

5. The apparatus as set forth in Claim 3 wherein said camera, said transmitter and 1 2 said batteries are a modular unit. 6. The apparatus as set forth in Claim 5 wherein the terminal ends of said fiber optic 1 bundles from said lens and from said illumination port are secured to a first plug and including a 2 3 second plug coupled with said modular unit for disengageably engaging said first plug. The apparatus as set forth in Claim 4 wherein said modular unit is portable. 7. 4 The apparatus as set forth in Claim 4 wherein said source of light comprises at 8. 1 least one light emitting diode and a fiber optic bundle for transmitting light to an illumination 2 3 port disposed at the distal end of said endotracheal tube. A method for displaying an image of tissue at the distal end of an endotracheal 9. 1 2 tube, said method comprising the steps of: 3 a) illuminating the tissue; b) conveying an image of the illuminated tissue to a modular unit; 4 5 c) recording the image with a camera disposed in the modular unit; 6 d) transmitting the recorded image;

e) receiving the transmitted image; and

f) displaying the received image.

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The method as set forth in Claim 9 wherein said step of transmitting comprises 1 10. the step of transmitting with a radio frequency transmitter and said step of receiving comprises 2 the step of receiving with a radio frequency receiver. 3 The method as set forth in Claim 9 wherein said step of displaying comprises the 1 11. 2 step of displaying the image on a video monitor. The method as set forth in Claim 9 wherein said step of illuminating comprises 12. 1 2 the step of energizing at least one light emitting diode and including the step of conveying the light from the light emitting diode to an illumination port with a fiber optic bundle. 3 13. The method as set forth in Claim 9 wherein said step of conveying comprises the 1 step of conveying the image from a lens to the camera with a fiber optic bundle. 2 Apparatus for displaying an image of tissue at the distal end of an endotracheal 1 14. tube, said apparatus comprising in combination: 2 a) a source of light for illuminating the tissue to be imaged; 3 b) a lens for receiving the image of the tissue; 4 c) a camera for recording the image and including a fiber optic bundle 5

d) a transmitter for receiving the image from said camera and for transmitting the

interconnecting said lens with said camera to convey the image to said camera;

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8	ımage;		
9		e) a receiver for receiving the transmitted image; and	
10		f) a display for displaying the image received by said receiver.	
1	15.	The apparatus as set forth in Claim 14 including batteries for p	roviding power to
2	said camera	and to said transmitter.	
1	16.	The apparatus as set forth in Claim 14 wherein said source of l	ight comprises at
2	least one light emitting diode and a fiber optic bundle for transmitting light to an illumination		
3	port disposed	l at the distal end of said endotracheal tube.	
1	17.	The apparatus as set forth in Claim 15 wherein said camera, sa	id transmitter and
2	said batteries	s are a modular unit.	
1	18.	The apparatus as set forth in Claim 16 wherein the terminal end	ds of said fiber
2	optic bundles from said lens and said illumination port are secured to a first plug and including a		
3	second plug coupled with said camera and said source of light for disengageably engaging said		
4	first plug.	i : 	
1	19.	The apparatus as set forth in Claim 18 including batteries for p	roviding power to

said camera and to said transmitter.

20. The apparatus as set forth in Claim 17 wherein said modular unit is portable.